

**Table 1: Concrete Preliminary Results
Niagara Falls Blvd Site**

Location No.	N002-CC003			N002-CC006			N002-CC006			N002-CC007			N002-CC011			N002-CC013			N002-CC016-01			N002-CC001			N002-CC002			N002-CC002			
RST 3 Sample No.	N002-CC003-01			N002-CC006-01			N002-CC006-02			N002-CC007-01			N002-CC011-01			N002-CC013-01			N002-CC016-01			N002-CC001-01			N002-CC002-01			N002-CC002-02			
Sample Depth (inches)	0-6			0-6			0-6			0-6			0-6			0-6			0-6			0-6			0-6			0-6			
Sample Matrix	Concrete			Concrete			Concrete			Concrete			Concrete			Concrete			Concrete			Concrete			Concrete			Concrete			
Sample Date	6/14/2016			6/14/2016			6/14/2016			6/14/2016			6/14/2016			6/14/2016			6/14/2016			7/10/2016			7/13/2016			7/10/2016			
Sample Result	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	Value (pCi/g)	Qualifier	Total Uncertainty	
Radioisotope	¹EPA SSAL																														
Bismuth-212 (Bi-212)	6,330,000	1.146	1.595	1.586	1.422	1.668	1.379	0.647	1.180	0.157	1.750	0.820	0.856	0.722	1.802	0.000	U	0.638	0.8061	J	1.123	0.8899	J	0.805							
Lead-210 (Pb-210)	418	0.991	2.308	1.804	2.744	0.151	3.017	0.000	0.675	0.068	2.198	0.000	1.427	3.285	2.642	-4.012	U	14.319	1.3329	J	1.971	0.000	U	1.981							
Lead-212 (Pb-212)	661,000	0.623	0.181	0.554	0.195	0.626	0.220	0.735	0.202	0.469	0.167	0.335	0.132	0.407	0.169	0.593	U	0.152	0.492	J	0.173	0.427	U	0.151							
Potassium-40 (K-40)	25.9	7.051	2.401	7.062	2.141	6.952	2.673	8.334	2.282	8.851	2.326	7.564	2.027	11.593	2.939	8.581	U	1.792	8.570	J	2.259	8.453	U	2.391							
Radium-226* (Ra-226)	2.48	1.075	0.251	1.125	0.276	1.141	0.289	1.147	0.250	0.519	0.184	0.624	0.150	0.739	0.218	0.588	U	0.146	0.670	J	0.184	0.763	U	0.209							
Radium-228 (Ra-228)	15.9	0.452	0.415	0.531	0.403	0.513	0.383	0.480	0.354	0.649	0.255	0.395	0.331	0.270	0.361	0.443	U	0.273	0.3773	J	0.248	0.4963	J	0.313							
Thallium-208 (Tl-208)	2,430,000	0.253	0.115	0.232	0.121	0.387	0.133	0.259	0.101	0.033	0.131	0.066	0.094	0.046	0.119	0.166	U	0.070	0.139	J	0.112	0.185	U	0.090							
Thorium-234 Th-234)	47,900	0.521	1.717	1.570	1.613	0.000	0.926	0.642	2.095	0.936	1.333	1.377	1.160	0.882	1.692	1.3609	J	2.381	1.2016	J	1.434	1.0617	J	1.413							
Uranium-235 (U-235)	39.2	0.148	0.102	0.094	0.135	0.185	0.128	0.188	0.136	0.053	0.119	0.148	0.073	0.184	0.097	0.0328	U	0.106	0.057	J	0.103	0.042	U	0.122							
Thorium-228 (Th-228)	14,100	0.589	N2	0.167	0.690	N2	0.185	0.504	N2	0.167	0.506	N2	0.157	0.341	N2	0.125	0.325	N2	0.140	0.558	N2	0.210	0.445	N2	0.174	0.300	N2	0.162			
Thorium-230 (Th-230)	2,090	0.719	N2	0.181	0.806	N2	0.200	0.850	N2	0.213	0.490	N2	0.158	0.351	N2	0.159	0.348	N2	0.121	0.280	N2	0.137	0.439	N2	0.172	0.372	N2	0.168	0.433	N2	0.175
Thorium-232 Th-232)	2,020	0.358	N2	0.113	0.355	N2	0.117	0.396	N2	0.128	0.486	N2	0.141	0.301	N2	0.112	0.307	N2	0.112	0.221	N2	0.097	0.274	N2	0.128	0.303	N2	0.136	0.349	N2	0.149
Uranium-233/234 (U-233/234)	NS	0.692	N2	0.232	0.922	N2	0.280	0.651	N2	0.222	0.457	N2	0.194	0.425	N2	0.181	0.409	N2	0.185	0.403	N2	0.159	0.556	N2	0.235	0.510	N2	0.214	0.489	N2	0.183
Uranium-235/236 (U-235/236)	NS	0.051	N2	0.073	0.079	N2	0.084	0.028	N2	0.066	0.053	N2	0.069	0.062	N2	0.081	0.082	N2	0.081	0.052	N2	0.063	0.052	N2	0.096	0.013	N2	0.089	0.009	N2	0.061
Uranium-238 (U-238)	3,720	0.792	N2	0.251	0.870	N2	0.270	0.919	N2	0.264	0.683	N2	0.223	0.533	N2	0.207	0.433	N2	0.177	0.469	N2	0.171	0.336	N2	0.173	0.471	N2	0.201	0.437	N2	0.162

No. - Number; ND - Not detected.

Background sampling location.

J - Estimated value

N2 - The laboratory does not hold The NELAC Institute (TNI) accreditation for this parameter.

pCi/g - picocuries per gram; µg/L - micrograms per liter.

¹U.S. Environmental Protection Agency (EPA) Site-Specific Action Level (SSAL) values are presented in pCi/g.

Radium-226* (21-day ingrowth) analyzed by gamma spectroscopy via EPA 901.1 modified.